

TABLE 1: 2005 AM AND PM ORIGIN BASED O-D TABLE (Total All Vehicles)
 Revision Date: 2-22-06

NB I-5 PM 2 HOUR FLOW RATES BY ROUTE AND ENTRY POINT

Entry and Exit Locations	Gate		Volumes	%
	(From - To)			
NB I-5 Input Volume				
(South of Columbia Blvd Off-Ramp)	1		8177	100%
Columbia Blvd NB OFF	1-2		560	6.8%
Victory Blvd NB OFF	1-3		290	3.5%
Marine Dr NB OFF	1-4		435	5.3%
Hayden Island NB OFF	1-7		580	7.1%
SR-14 NB OFF	1-9		1063	13.0%
City Center NB OFF	1-10		237	2.9%
Mill Plain/4th Plain Blvd NB Off	1-12		695	8.5%
SR-500/39th Street NB Off	1-15		556	6.8%
NB I-5 North of 39th St NB ON	1-17		3761	46.0%
Victory/Denver Avenue NB ON Ramp Input Volume	5		2140	100%
Hayden Island NB OFF	5-7		243	11.4%
SR-14 NB OFF	5-9		553	25.8%
City Center NB OFF	5-10		122	5.7%
Mill Plain/4th Plain Blvd NB Off	5-12		441	20.6%
SR-500/39th Street NB Off	5-15		428	20.0%
NB I-5 North of 39th St NB ON	5-17		353	16.5%
Marine Drive NB ON Ramp Input Volume	6		2289	100%
Hayden Island NB OFF	6-7		286	12.5%
SR-14 NB OFF	6-9		611	26.7%
City Center NB OFF	6-10		135	5.9%
Mill Plain/4th Plain Blvd NB Off	6-12		476	20.8%
SR-500/39th Street NB Off	6-15		481	21.0%
NB I-5 North of 39th St NB ON	6-17		300	13.1%
Hayden Island NB ON Ramp Input Volume	8		1330	100%
SR-14 NB OFF	8-9		383	28.8%
City Center NB OFF	8-10		76	5.7%
Mill Plain/4th Plain Blvd NB Off	8-12		294	22.1%
SR-500/39th Street NB Off	8-15		339	25.5%
NB I-5 North of 39th St NB ON	8-17		238	17.9%
SR-14 WB to I-5 NB ON Ramp Input Volume	11		2841	100%
Mill Plain/4th Plain Blvd NB Off	11-12		574	20.2%
SR-500/39th Street NB Off	11-15		543	19.1%
NB I-5 North of 39th St NB ON	11-17		1724	60.7%
Mill Plain Blvd NB ON Ramp Input Volume	13		2965	100%
SR-500/39th Street NB Off	13-15		981	33.1%
NB I-5 North of 39th St NB ON	13-17		1984	66.9%
4th Plain Blvd NB ON Ramp Input Volume	14		1350	100%
SR-500/39th Street NB Off	14-15		512	37.9%
NB I-5 North of 39th St NB ON	14-17		838	62.1%
39th St. NB ON Ramp Input Volume	16		1005	100%
NB I-5 North of 39th St NB ON	16-17		1005	100.0%

Calculations for Trip Patterns which must cross Interstate Bridge			
A Total Trips (Enter S of BIA but exit w/in BIA N of Interstate Bridge)	2551	22.1%	
B Total Trips (Enter w/in BIA S of Interstate Bridge but exit N of BIA)	891	7.7%	
C Total Trips (Enter and exit w/in BIA and cross Interstate Bridge)	4339	37.6%	
D Total Trips (Through trips)	3761	32.6%	
	11542	100.0%	

SB I-5 AM 2 HOUR FLOW RATES BY ROUTE AND ENTRY POINT

Entry and Exit Locations	Gate		Volumes	%
	(From - To)			
SB I-5 Input Volume				
(North of SR-500)	18		6450	100%
39th St SB OFF	18-19		529	8.2%
4th Plain Blvd SB OFF	18-21		555	8.6%
Mill Plain Blvd SB OFF	18-23		909	14.1%
SR-14 SB OFF	18-25		432	6.7%
Hayden Island SB OFF	18-27		200	3.1%
Marine Dr SB OFF	18-29		581	9.0%
Denver/Victory Blvd SB OFF	18-31		432	6.7%
SB Mainline South of Columbia Blvd SB ON	18-34		2812	43.6%
SR 500/39th St SB ON Ramp Input Volume	20		3898	100%
4th Plain Blvd SB OFF	20-21		415	10.6%
Mill Plain Blvd SB OFF	20-23		698	17.9%
SR-14 SB OFF	20-25		129	3.3%
Hayden Island SB OFF	20-27		70	1.8%
Marine Dr SB OFF	20-29		515	13.2%
Denver/Victory Blvd SB OFF	20-31		293	7.5%
SB Mainline South of Columbia Blvd SB ON	20-34		1778	45.6%
4th Plain Blvd SB ON Ramp Input Volume	22		896	100%
Mill Plain Blvd SB OFF	22-23		43	4.8%
SR-14 SB OFF	22-25		159	17.7%
Hayden Island SB OFF	22-27		59	6.6%
Marine Dr SB OFF	22-29		175	19.5%
Denver/Victory Blvd SB OFF	22-31		161	18.0%
SB Mainline South of Columbia Blvd SB ON	22-34		299	33.4%
Mill Plain Blvd SB ON Ramp Input Volume	24		2070	100%
SR-14 SB OFF	24-25		184	8.9%
Hayden Island SB OFF	24-27		54	2.6%
Marine Dr SB OFF	24-29		402	19.4%
Denver/Victory Blvd SB OFF	24-31		174	8.4%
SB Mainline South of Columbia Blvd SB ON	24-34		1256	60.7%
SR-14/City Center ON Ramp Input Volume	26		2060	100%
Hayden Island SB OFF	26-27		82	4.0%
Marine Dr SB OFF	26-29		480	23.3%
Denver/Victory Blvd SB OFF	26-31		231	11.2%
SB Mainline South of Columbia Blvd SB ON	26-34		1267	61.5%
Hayden Island SB ON Ramp Input Volume	28		631	100%
Marine Dr SB OFF	28-29		144	22.8%
Denver/Victory Blvd SB OFF	28-31		178	28.2%
SB Mainline South of Columbia Blvd SB ON	28-34		309	49.0%
Marine Dr SB ON Ramp Input Volume	30		420	100%
Denver/Victory Blvd SB OFF	30-31		102	24.3%
SB Mainline South of Columbia Blvd SB ON	30-34		318	75.7%
Victory Blvd SB ON Ramp Input Volume	32		190	100%
SB Mainline South of Columbia Blvd SB ON	32-34		190	100.0%
Columbia Blvd SB ON Ramp Input Volume	33		915	100%
SB Mainline South of Columbia Blvd SB ON	33-34		915	100.0%

Calculations for Trip Patterns which must cross Interstate Bridge			
A Total Trips (Enter N of BIA but exit w/in BIA S of Interstate Bridge)	1213	10.7%	
B Total Trips (Enter w/in BIA N of Interstate Bridge but exit S of BIA)	4600	40.6%	
C Total Trips (Enter and exit w/in BIA and cross Interstate Bridge)	2696	23.8%	
D Total Trips (Through trips)	2812	24.8%	

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TABLE 2: 2005 AM AND PM DESTINATION BASED O-D TABLE (Total All Vehicles)
 Revision Date: 2-22-06

NB I-5 PM 2 HOUR FLOW RATES BY ROUTE AND ENTRY POINT

Entry and Exit Locations	Gate		Volumes	%
	(From - To)			
Columbia Blvd NB OFF Ramp Volume	2	560	100%	
NB I-5 South of Columbia Blvd NB OFF	1-2	560	100.0%	
Victory Blvd NB OFF Ramp Volume	3	290	100%	
NB I-5 South of Columbia Blvd NB OFF	1-3	290	100.0%	
Marine Dr NB OFF Ramp Volume	4	435	100%	
NB I-5 South of Columbia Blvd NB OFF	1-4	435	100.0%	
Hayden Island NB OFF Ramp Volume	7	1109	100%	
NB I-5 South of Columbia Blvd NB OFF	1-7	580	52.3%	
Victory/Denver Ave NB ON	5-7	243	21.9%	
Marine Dr NB ON	6-7	286	25.8%	
I-5 NB to SR-14 EB Ramp Volume	9	2610	100%	
NB I-5 South of Columbia Blvd NB OFF	1-9	1063	40.7%	
Victory/Denver Ave NB ON	5-9	553	21.2%	
Marine Dr NB ON	6-9	611	23.4%	
Hayden Island NB ON	8-9	383	14.7%	
City Center NB OFF Ramp Volume	10	570	100%	
NB I-5 South of Columbia Blvd NB OFF	1-10	237	41.6%	
Victory/Denver Ave NB ON	5-10	122	21.4%	
Marine Dr NB ON	6-10	135	23.7%	
Hayden Island NB ON	8-10	76	13.3%	
Mill Plain/4th Plain Blvd NB Off	12	2480	100%	
NB I-5 South of Columbia Blvd NB OFF	1-12	695	28.0%	
Victory/Denver Ave NB ON	5-12	441	17.8%	
Marine Dr NB ON	6-12	476	19.2%	
Hayden Island NB ON	8-12	294	11.9%	
SR-14 WB to I-5 NB ON	11-12	574	23.1%	
SR-500/39th Street NB Off	15	3840	100%	
Mainline NB south of Columbia Blvd.	1-15	556	14.5%	
Victory/Denver Avenue NB On	5-15	428	11.1%	
Marine Drive NB On	6-15	481	12.5%	
Hayden Island NB On	8-15	339	8.8%	
SR-14 NB On	11-15	543	14.1%	
Mill Plain Blvd. NB On	13-15	981	25.5%	
4th Plain Blvd. NB On	14-15	512	13.3%	
NB I-5 Output Volume (North of 39th St. NB On-Ramp)	17	10203	100%	
Mainline NB south of Columbia Blvd.	1-17	3761	36.9%	
Victory/Denver Avenue NB On	5-17	353	3.5%	
Marine Drive NB On	6-17	300	2.9%	
Hayden Island NB On	8-17	238	2.3%	
SR-14 NB On	11-17	1724	16.9%	
Mill Plain Blvd. NB On	13-17	1984	19.4%	
4th Plain Blvd. NB On	14-17	838	8.2%	
39th Street NB On	16-17	1005	9.9%	

Calculations for Trip Patterns which must cross Interstate Bridge			
A Total Trips (Enter S of BIA but exit w/in BIA N of Interstate Bridge)	2551	22.1%	
B Total Trips (Enter w/in BIA S of Interstate Bridge but exit N of BIA)	891	7.7%	
C Total Trips (Enter and exit w/in BIA and cross Interstate Bridge)	4339	37.6%	
D Total Trips (Through trips)	3761	32.6%	
	11542	100.0%	

SB I-5 AM 2 HOUR FLOW RATES BY ROUTE AND ENTRY POINT

Entry and Exit Locations	Gate		Volumes	%
	(From - To)			
39th St SB OFF Ramp Volume	21	529	100%	
SB Mainline North of SR-500	20-21	529	100.0%	
4th Plain Blvd SB OFF Ramp Volume	23	970	100%	
SB Mainline North of SR-500	20-23	555	57.2%	
SR-500/39th St SB ON	22-23	415	42.8%	
Mill Plain Blvd SB OFF Ramp Volume	25	1650	100%	
SB Mainline North of SR-500	20-25	909	55.1%	
SR-500/39th St SB ON	22-25	698	42.3%	
4th Plain Blvd SB ON	24-25	43	2.6%	
I-5 SB to SR-14 EB OFF Ramp Volume	27	904	100%	
SB Mainline North of SR-500	20-27	432	47.8%	
SR-500/39th St SB ON	22-27	129	14.3%	
4th Plain Blvd SB ON	24-27	159	17.6%	
Mill Plain Blvd SB ON	26-27	184	20.4%	
Hayden Island SB OFF Ramp Volume	29	465	100%	
SB Mainline North of SR-500	20-29	200	43.0%	
SR-500/39th St SB ON	22-29	70	15.1%	
4th Plain Blvd SB ON	24-29	59	12.7%	
Mill Plain Blvd SB ON	26-29	54	11.6%	
SR-14/City Center SB ON	28-29	82	17.6%	
Marine Dr SB OFF Ramp Volume	31	2297	100%	
SB Mainline North of SR-500	20-31	581	25.3%	
SR-500/39th St SB ON	22-31	515	22.4%	
4th Plain Blvd SB ON	24-31	175	7.6%	
Mill Plain Blvd SB ON	26-31	402	17.5%	
SR-14/City Center SB ON	28-31	480	20.9%	
Hayden Island SB ON	30-31	144	6.3%	
Denver/Victory Blvd SB OFF Ramp Volume	33	1571	100%	
SB Mainline North of SR-500	20-33	432	27.5%	
SR-500/39th St SB ON	22-33	293	18.7%	
4th Plain Blvd SB ON	24-33	161	10.2%	
Mill Plain Blvd SB ON	26-33	174	11.1%	
SR-14/City Center SB ON	28-33	231	14.7%	
Hayden Island SB ON	30-33	178	11.3%	
Marine Dr SB ON	32-33	102	6.5%	
SB I-5 Output Volume (South of Columbia Blvd SB On-Ramp)	36	9144	100%	
SB Mainline North of SR-500	20-36	2812	30.8%	
SR-500/39th St SB ON	22-36	1778	19.4%	
4th Plain Blvd SB ON	24-36	299	3.3%	
Mill Plain Blvd SB ON	26-36	1256	13.7%	
SR-14/City Center SB ON	28-36	1267	13.9%	
Hayden Island SB ON	30-36	309	3.4%	
Marine Dr SB ON	32-36	318	3.5%	
Victory Blvd SB ON	34-36	190	2.1%	
Columbia Blvd SB ON	35-36	915	10.0%	

Calculations for Trip Patterns which must cross Interstate Bridge			
A Total Trips (Enter N of BIA but exit w/in BIA S of Interstate Bridge)	1213	10.7%	
B Total Trips (Enter w/in BIA N of Interstate Bridge but exit S of BIA)	4600	40.6%	
C Total Trips (Enter and exit w/in BIA and cross Interstate Bridge)	2696	23.8%	
D Total Trips (Through trips)	2812	24.8%	
	11321	100.0%	

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